

Title (en)
ANALYTIC DEVICE

Title (de)
ANALYSEVORRICHTUNG

Title (fr)
DISPOSITIF ANALYTIQUE

Publication
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Application
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Priority

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Abstract (en)
[origin: US2014206412A1] An analytic device comprising a device housing, a dock to receive a camera enabled mobile electronic device, such as a smartphone and other smart devices, and a processing device to communicate with the mobile electronic device and to control a condition of the assay tube, such as temperature. In another example, the analytic device comprises a device housing and a circuit board. A processing device, a heating block defining a recess to support assay tube, and a resistive heater are surface mounted to the circuit board. A light source and a fan are also provided. A dock may be provided to support a mobile electronic device. The mobile electronic device communicates with the processing device to cause the application of reaction conditions to the assay tube, to perform a PCR procedure, for example. Methods are also disclosed.

IPC 8 full level
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